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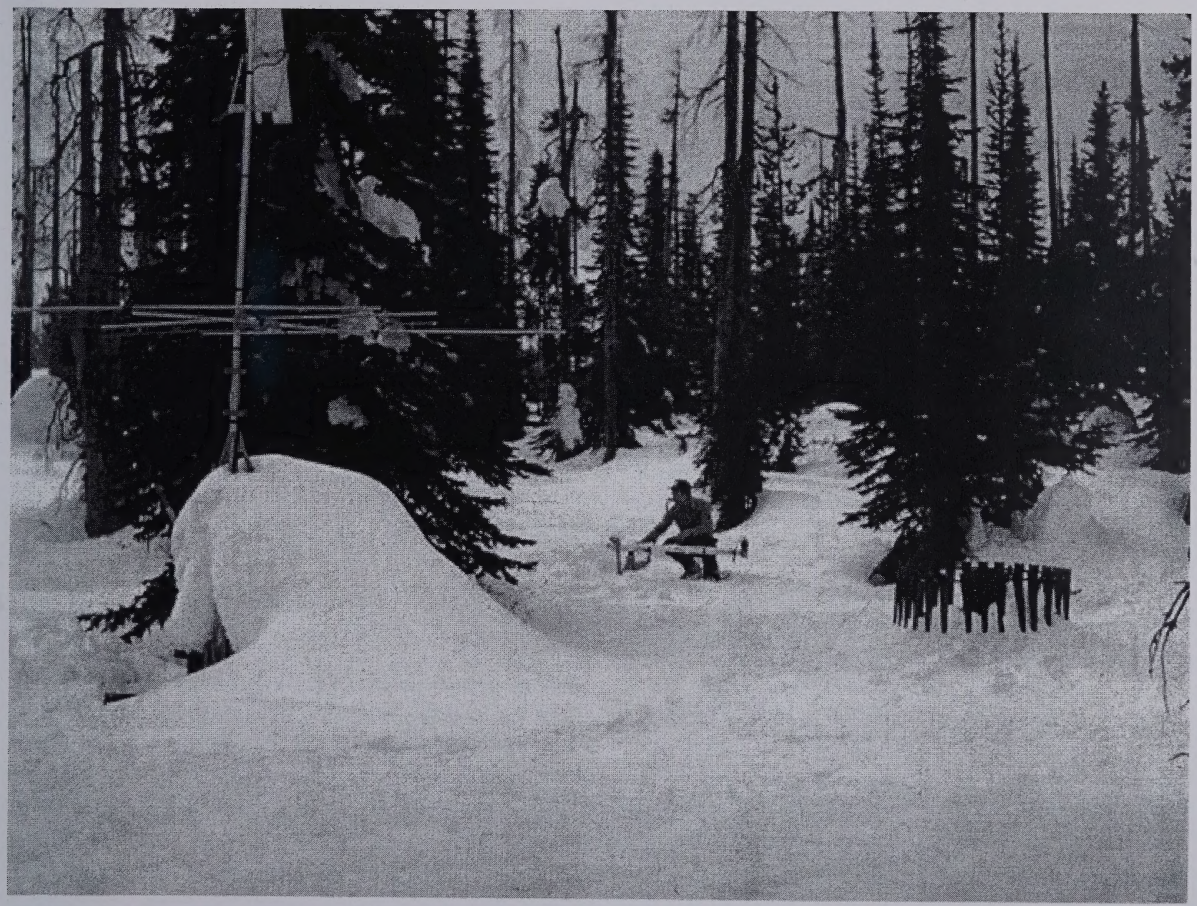
Natural Resources Conservation Service

Montana Water Supply Outlook Report June 1, 2005



Picture: Black Bear SNOTEL Site - Winter of 1997

Water Supply Outlook Report
and
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:
See Attached List

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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United States Department of Agriculture
Natural Resources Conservation Service
Bozeman, Montana

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Federal Bldg Room 443
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Where to Get More Information

This contact list provides you with the names and phone numbers of individuals who can provide more detailed snow survey information for each county.

Beaverhead County
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Blaine County
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Broadwater County
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Mark Delperdang
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Terry Heck
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Matt Drechsel
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Hill County
Deana Grabofsky
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Jefferson County
Julie Sacks
287-3215

Judith Basin County
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566-2311

Lake County
David Wolf
676-2841

Lewis and Clark County
Mindy Gauthier
449-5000

Liberty County
Dawn Wickum
759-5778

Lincoln County
Kirk Sullivan
296-2233

Madison County
Ole Berkram
842-5741

McCone County
Regan Fanning
485-2744

Meagher County
Tammy DeCock
547-3633

(over)

Mineral County
Tony Prince
829-3395

Missoula County
Tony Prince
829-3395

Musselshell County
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323-2103

Park County
Ron Hoagland
222-2899

Petroleum County
Nikki Lott
429-6646

Phillips County
Lorna Philp
654-1334

Pondera County
Lanny Walker
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Powder River County
Carol Hilliard
436-2417

Powell County
Glen Green
846-1703

Prairie County
Bob Prongua
635-5381

Ravalli County
Lane Johnson
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Richland County
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Rosebud County
Rocky Schwagler
346-7333

Sanders County
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826-3701

Sheridan County
Monica Friedrich
765-1801

Silver Bow County
Julie Sacks
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Stillwater County
Philip Sandoval
322-5359

Sweet Grass County
Chuck Roloff
932-5160

Teton County
Stacy Denny-Eneboe
466-5722

Toole County
Misty Vermulm
434-5234

Treasure County
Stewart Greer
342-5510

Valley County
Denise Wiedenheft
228-4321

Wheatland County
John Oiestad
632-5534

Wibaux County
Katrina Johnson
796-2211

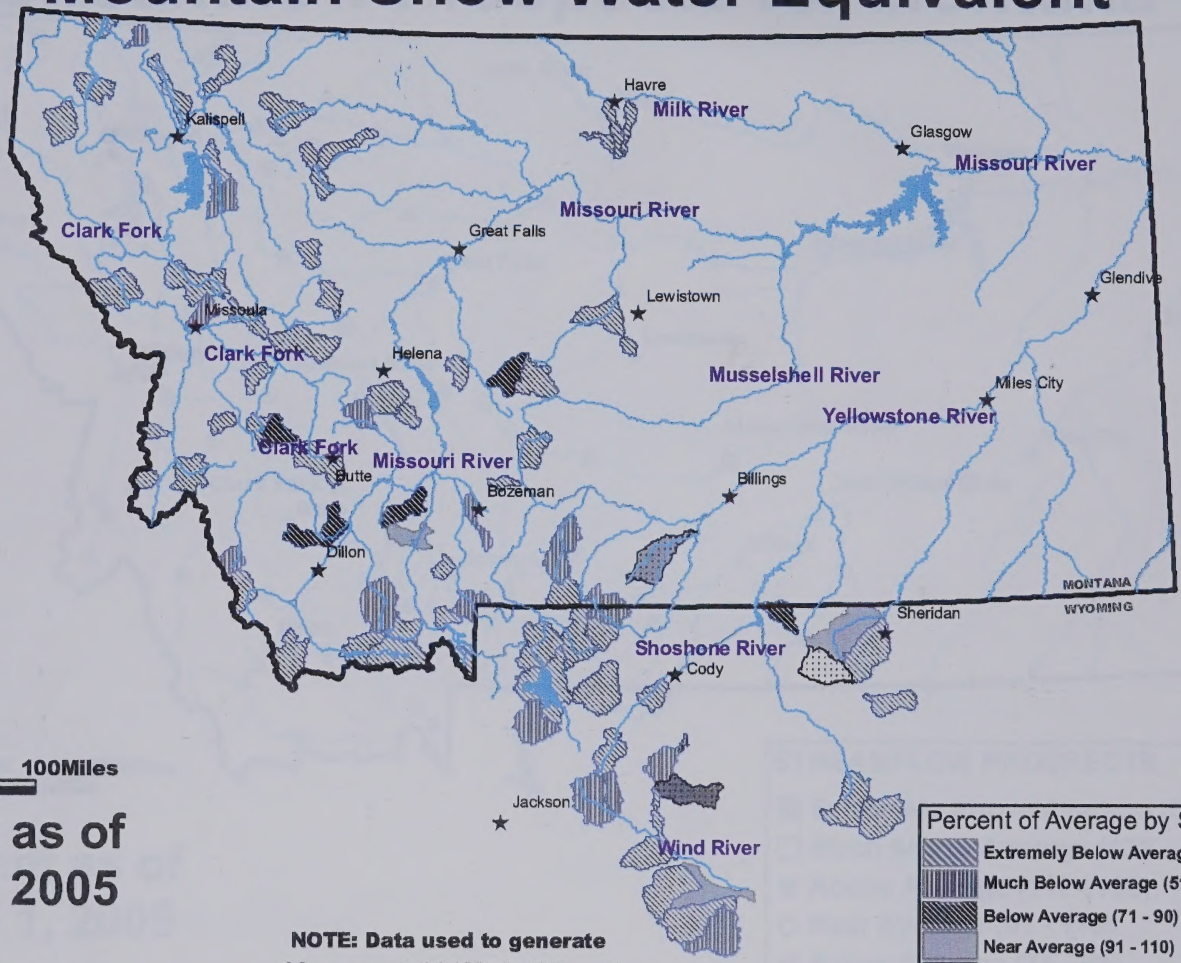
Yellowstone County
Valerie Roberson
657-6135

1/6/05

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Mountain Snow Water Equivalent



0 50 100Miles

Current as of June 1, 2005

Percent of Average by Sub-Basin

- Extremely Below Average (Below 51)
- Much Below Average (51 - 70)
- Below Average (71 - 90)
- Near Average (91 - 110)
- Above Average (111 - 130)
- Much Above Average (131 - 150)
- Extremely Above Average (Over150)

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Streamflow Prospects for Montana

Current as of June 1, 2005

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

STREAMFLOW PROSPECTS

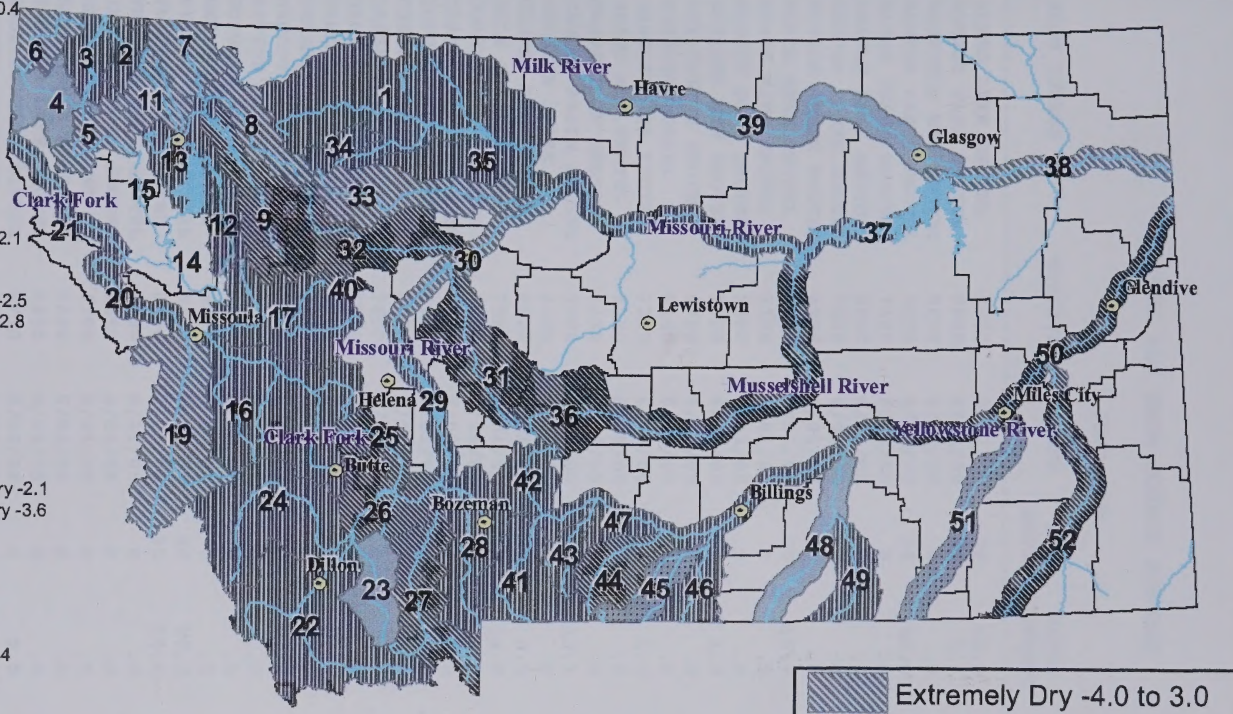
- Extremely Above Average (Over150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- Below Average (71 - 90)
- Much Below Average (51 - 70)
- Extremely Below Average (Below 51)

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

RIVER INDEX & SWSI VALUES

1 Marias above Tiber Reservoir -2.8
2 Tobacco -2
3 Kootenai Ft. Steele to Libby Dam -2.8
4 Kootenai below Libby Dam -0.4
5 Fisher -3.5
6 Yaak -3.4
7 North FK. Flathead -3
8 Middle FK. Flathead -3.7
9 South FK. Flathead -1.4
11 Stillwater/Whitefish -3.3
12 Swan -2.6
13 Flathead at Polson -2.9
14 Mission Valley
15 Little Bitterroot
16 Clark Fork above Milltown -2.1
17 Blackfoot -2.3
19 Bitterroot -3.1
20 Clark Fork below Bitterroot -2.5
21 Clark Fork below Flathead -2.8
22 Beaverhead -2.7
23 Ruby -0.9
24 Big Hole -2.1
25 Boulder (Jefferson) -1.2
26 Jefferson -1.2
27 Madison -1.6
28 Gallatin -2.5
29 Missouri above Canyon Ferry -2.1
30 Missouri below Canyon Ferry -3.6
31 Smith -1.9
32 Sun -1.7
33 Teton -3.1
34 Birch/Dupuyer Creeks -2.7
35 Marias -2.8
36 Musselshell -1.5
37 Missouriabove Fort Peck -2.4
38 Missouribelow Fort Peck -4
39 Milk -0.7
40 Dearbornnear Craig -1.2
41 Yellowstone above Livingston -2.7
42 Shields -2.2
43 Boulder(Yellowstone) -2.5
44 Stillwater -1.4
45 Rock/Red Lodge Creeks 2.2
46 Clarks Fork -2.9
47 Yellowstone above Bighorn -2.4
48 Bighorn below Bighorn Lake 0.4
49 Little Bighorn -2.6
50 Yellowstone below Bighorn -1.3
51 Tongue 2.8
52 Powder -1



Extremely Dry -4.0 to 3.0
Moderately Dry -2.9 to -2.0
Slightly Dry -1.9 to -1.0
Near Average -0.9 to 0.9
Sightly Wet 1.0 to 1.9
Moderately Wet 2.0 to 2.9
Extremely Wet 3.0 to 4.0
SWSI Not Apllicable

Current as of June 1, 2005

0 45 90 Miles

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

SNOTEL AND SNOW COURSE SUMMARY

JUNE 2005

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ALBRO LAKE SNOTEL	8300	6/01/05	29	11.5	14.5	13.4
BADGER PASS SNOTEL	6900	6/01/05	12	5.6	19.2	22.9
BANFIELD MTN SNOTEL	5600	6/01/05	0	.0	.0	2.9
BARKER LAKES SNOTEL	8250	6/01/05	36	12.1	8.2	9.5
BASIN CREEK SNOTEL	7180	6/01/05	0	.0	.3	4.1
BEAGLE SPGS SNOTEL	8850	6/01/05	0	.0	.0	1.4
BEAVER CREEK SNOTEL	7850	6/01/05	0	.0	8.3	8.6
BISSON CREEK SNOTEL	4920	6/01/05	0	.0	.0	.0
BLACK BEAR SNOTEL	7950	6/01/05	35	15.6	30.0	26.1
BLACK PINE SNOTEL	7100	6/01/05	0	.0	.0	1.9
BLOODY DICK SNOTEL	7550	6/01/05	0	.0	.0	1.0
BOULDER MTN SNOTEL	7950	6/01/05	9	1.9	7.9	9.2
BOX CANYON SNOTEL	6700	6/01/05	0	.0	.0	.0
BOXELDER CREEK	5100	5/25/05	0	.0	.0	.2
BRACKETT CR SNOTEL	7320	6/01/05	3	1.5	.0	5.1
BURNT MTN SNOTEL	5880	6/01/05	0	.0	.0	--
CALVERT CR SNOTEL	6430	6/01/05	0	.0	.0	.0
CARROT BASIN SNOTEL	9000	6/01/05	25	13.1	24.8	24.2
CHICKEN CREEK	4060	6/03/05	0	.0	.0	.0
CLOVER MDW SNOTEL	8800	6/01/05	19	6.5	8.4	11.3
COLE CREEK SNOTEL	7850	6/01/05	39	14.9	.8	11.0
COMBINATION SNOTEL	5600	6/01/05	0	.0	.0	.0
COPPER BOTTOM SNOTEL	5200	6/01/05	0	.0	.0	.0
COPPER CAMP SNOTEL	6950	6/01/05	0	.0	.0	10.9
CRYSTAL LAKE SNOTEL	6050	6/01/05	0	.0	.0	.7
DAISY PEAK SNOTEL	7600	6/01/05	2	.7	.0	3.4
DALY CREEK SNOTEL	5780	6/01/05	0	.0	.0	.0
DARKHORSE LK. SNOTEL	8700	6/01/05	41	16.9	24.7	26.3
DEADMAN CR SNOTEL	6450	6/01/05	0	.0	.0	.0
DISCOVERY BASIN	7050	5/31/05	0	.0	.2	2.4
DIVIDE SNOTEL	7800	6/01/05	0	.0	.0	2.7
DUPUYER CREEK SNOTEL	5750	6/01/05	0	.0	.0	.4
EMERY CREEK SNOTEL	4350	6/01/05	0	.0	.0	.0
FISHER CREEK SNOTEL	9100	6/01/05	40	20.2	28.9	30.1
FLATTOP MTN SNOTEL	6300	6/01/05	31	14.4	25.2	36.5
FROHNER MDWS SNOTEL	6480	6/01/05	0	.0	.0	.7
GARVER CREEK SNOTEL	4250	6/01/05	0	.0	.0	.0
GRAVE CRK SNOTEL	4300	6/01/05	0	.0	.0	.0
HAND CREEK SNOTEL	5030	6/01/05	0	.0	.0	.0
HAWKINS LAKE SNOTEL	6450	6/01/05	0	.0	.0	17.8
HELL ROARING DIVIDE	5770	5/30/05	4	2.0	13.9	10.8
HERRIG JUNCTION	4850	6/03/05	0	.0	.0	5.4
HOODOO BASIN SNOTEL	6050	6/01/05	31	14.3	20.9	28.4
KRAFT CREEK SNOTEL	4750	6/01/05	0	.0	.0	.0
LAKEVIEW RDG. SNOTEL	7400	6/01/05	0	.0	.0	.3
LEMHI RIDGE SNOTEL	8100	6/01/05	0	.0	.0	1.4
LICK CREEK SNOTEL	6860	6/01/05	0	.0	.0	.5
LONE MOUNTAIN SNOTEL	8880	6/01/05	5	2.5	3.5	11.8
LOWER TWIN SNOTEL	7900	6/01/05	33	11.9	16.6	13.0
LUBRECHT SNOTEL	4680	6/01/05	0	.0	.0	.0

SNOTEL AND SNOW COURSE SUMMARY (continued)

JUNE 2005

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
MADISON PLT SNOTEL	7750	6/01/05	3	1.0	12.4	9.0
MANY GLACIER SNOTEL	4900	6/01/05	0	.0	.0	.0
MONUMENT PK SNOTEL	8850	6/01/05	17	6.2	10.5	15.9
MOSS PEAK SNOTEL	6780	6/01/05	38	18.3	22.9	31.0
MT LOCKHART SNOTEL	6400	6/01/05	0	.0	4.7	9.6
MULE CREEK SNOTEL	8300	6/01/05	22	6.9	8.9	9.3
N.E. ENTRANCE SNOTEL	7350	6/01/05	0	.0	.0	.4
NEVADA RIDGE SNOTEL	7020	6/01/05	0	.0	.0	3.4
NEZ PERCE CMP SNOTEL	5650	6/01/05	0	.0	.0	.3
N.F. ELK CR SNOTEL	6250	6/01/05	0	.0	.0	.6
NF JOCKO SNOTEL	6330	6/01/05	23	13.5	14.1	26.4
NOISY BASIN SNOTEL	6040	6/01/05	17	8.8	22.7	30.1
PETERSON MDW SNOTEL	7200	6/01/05	0	.0	.0	2.7
PICKFOOT CRK SNOTEL	6650	6/01/05	0	.0	.0	.0
PIKE CREEK SNOTEL	5930	6/01/05	0	.0	.0	7.3
PLACER BASIN SNOTEL	8830	6/01/05	31	11.4	1.2	14.6
POORMAN CR SNOTEL	5100	6/01/05	0	.0	.0	11.1
PORCUPINE SNOTEL	6500	6/01/05	0	.0	.0	.0
RED MOUNTAIN	6000	5/27/05	0	.0	1.0	4.1
REVAIS CREEK	4800	6/03/05	0	.0	.0	.0
ROCKER PEAK SNOTEL	8000	6/01/05	21	7.8	11.3	11.7
ROCKY BOY SNOTEL	4700	6/01/05	0	.0	.0	.2
SACAJAWEA SNOTEL	6550	6/01/05	0	.0	.0	.0
SADDLE MTN SNOTEL	7900	6/01/05	11	2.8	10.1	16.3
S.F. SHIELDS SNOTEL	8100	6/01/05	0	.0	5.7	12.3
SHORT CREEK SNOTEL	7000	6/01/05	0	.0	.0	.0
SHOWER FALLS SNOTEL	8100	6/01/05	35	13.0	12.6	20.5
SKALKAHO SNOTEL	7260	6/01/05	0	.0	10.0	14.6
SLEEPING WOMAN SNTL	6150	6/01/05	0	.0	.0	1.2
SPUR PARK SNOTEL	8100	6/01/05	28	11.5	15.4	14.2
STAHL PEAK SNOTEL	6030	6/01/05	35	19.2	19.3	28.0
STRYKER BASIN	6180	6/03/05	5	2.5	11.1	19.4
STUART MOUNTAIN SNTL	7400	6/01/05	27	11.0	17.3	17.0
SUCKER CREEK	3960	5/25/05	0	.0	.0	.1
TAYLOR ROAD	4080	5/25/05	0	.0	.0	.2
TEPEE CREEK SNOTEL	8000	6/01/05	0	.0	.8	5.2
TIZER BASIN SNOTEL	6840	6/01/05	0	.0	.0	.3
TV MOUNTAIN	6800	5/27/05	3	1.4	.0	--
TWELVEMILE SNOTEL	5600	6/01/05	0	.0	.0	.4
TWIN LAKES SNOTEL	6400	6/01/05	0	.0	7.3	22.3
WALDRON SNOTEL	5600	6/01/05	0	.0	.0	.1
WARM SPRINGS SNOTEL	7800	6/01/05	25	9.1	17.2	17.0
WEST YELL'ST SNOTEL	6700	6/01/05	0	.0	.0	.0
WHISKEY CREEK SNOTEL	6800	6/01/05	0	.0	.0	1.2
WHITE MILL SNOTEL	8700	6/01/05	27	10.9	17.3	18.0
WOOD CREEK SNOTEL	5960	6/01/05	0	.0	.0	.5

Montana Water Supply Outlook Report as of June 1, 2005

Spring rains continue to improve summer streamflow outlook, despite low snowpack. May remained cool and stormy, especially in south central Montana and the Bighorn mountains in Wyoming. May mountain precipitation in the Columbia River Basin was 104 percent of average and 81 percent of last year; Missouri River Basin was 100 percent of average and 76 percent of last year; and Yellowstone River Basin was 132 percent of average and 119 percent of last year. Most streams and rivers have reached their snow melt peaks for this year and will not crest higher without significant rain or above average temperatures the first part of June. Heavy rainfall the second week in May caused flooding in the Tongue, Blackfoot, Dearborn, and Red Lodge Rivers. Streamflow crests in the Columbia average 53 percent; Missouri average 56 percent; Saskatchewan average 40 percent; and Yellowstone average 88 percent.

Snowpack

As of June 1, snowpack was well below average and 37 percent below last year at this same time. May temperatures have kept snow melt near average and with some cooler days adding snow at higher elevations. Remaining snow water contents west of the Continental Divide was 32 percent of average and 56 percent of last year and east of the Continental Divide was 54 percent of average and 86 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	32	56
KOOTENAI	20	46
FLATHEAD	44	61
UPPER CLARK FORK	44	68
BITTERROOT	5	10
LOWER CLARK FORK	36	70
MISSOURI	46	59
MISSOURI HEADWATERS	52	64
JEFFERSON	57	72
MADISON	50	52
GALLATIN	43	61
MISSOURI MAINSTEM	34	46
HEADWATERS MAINSTEM	38	51
SMITH-JUDITH-MUSSELSHELL	46	57
SUN-TETON-MARIAS	14	23
MAINSTEM ABOVE FT. PECK RES	32	46
ST. MARY	39	57
YELLOWSTONE	62	126
UPPER YELLOWSTONE	51	90
LOWER YELLOWSTONE	68	182

Precipitation

May mountain and valley precipitation across the state was 105 percent of average and 87 percent of last year, while the water year precipitation was 82 percent of average and 91 percent of last year. This is exactly what needed to happen to extend the flows in streams and rivers.

West of the Continental Divide, May mountain and valley precipitation was 105 percent of average and 80 percent of last year and the water year precipitation was 78 percent of average and 86 percent of last year. East of the Divide, May mountain and valley precipitation was 105 percent of average and 91 percent of last year and the water year precipitation was 86 percent of average and 94 percent of last year.

RIVER BASIN	MAY % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	105	78
KOOTENAI	98	79
FLATHEAD	76	81
UPPER CLARK FORK	127	81
BITTERROOT	134	70
LOWER CLARK FORK	110	78
MISSOURI	94	83
JEFFERSON	135	85
MADISON	119	83
GALLATIN	81	78
MISSOURI MAINSTEM	110	87
SMITH-JUDITH-MUSSELSHELL	82	88
SUN-TETON-MARIAS	62	74
MILK	36	72
ST. MARY	54	72
YELLOWSTONE	136	92
UPPER YELLOWSTONE	114	83
LOWER YELLOWSTONE	160	113

Reservoirs

Major reservoir storages state-wide were 85 percent of average and 102 percent of last year. Reservoir storage west of the Continental Divide was 133 percent of average and 105 percent of last year. East of the Continental Divide, reservoir storages were 67 percent of average and 100 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	133	105
KOOTENAI	151	106
FLATHEAD	122	104
UPPER CLARK FORK	107	119
BITTERROOT	118	105
LOWER CLARK FORK	102	99
MISSOURI	65	97
JEFFERSON	66	165
MADISON	113	111
GALLATIN	126	97
MISSOURI MAINSTEM	62	96
SMITH-JUDITH-MUSSELSHELL	62	181
SUN-TETON-MARIAS	97	94
MILK	66	89
ST. MARY	93	152
YELLOWSTONE	107	141
UPPER YELLOWSTONE	122	138
LOWER YELLOWSTONE	107	141

Streamflow

SEASONAL STREAMFLOW FORECASTS

State-wide, streamflow forecasts average between 50 and 63 percent. West of the Continental Divide, streamflow forecasts average between 49 and 57 percent and east of the Continental Divide, streamflow forecasts average between 51 and 67 percent.

May moisture is exactly what was needed to keep hopes of avoiding severe water shortages alive. With the very low winter snowpack, rain is what will get surface water users through one more summer and hope for a better winter next year.

Below are River Basin streamflow forecast summaries for the period May 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	June-July THIS YEAR % OF AVERAGE	June-July LAST YEAR % OF AVERAGE
COLUMBIA	49 to 57	55 to 60
KOOTENAI	50 to 58	59 to 64
FLATHEAD	47 to 54	55 to 59
UPPER CLARK FORK	57 to 68	51 to 57
BITTERROOT	45 to 51	56 to 61
LOWER CLARK FORK	41 to 48	58 to 63
MISSOURI	45 to 62	39 to 53
JEFFERSON	46 to 64	21 to 35
MADISON	63 to 71	64 to 72
GALLATIN	59 to 70	57 to 69
MISSOURI MAINSTEM	55 to 71	38 to 53
SMITH-JUDITH-MUSSELSHELL	39 to 64	39 to 57
SUN-TETON-MARIAS	28 to 43	41 to 61
ST. MARY	55 to 72	50 to 67
YELLOWSTONE	64 to 77	45 to 58
UPPER YELLOWSTONE	58 to 72	56 to 69
LOWER YELLOWSTONE	72 to 85	31 to 41

NOTE: The JUNE-JULY LAST YEAR % OF AVERAGE column above is last years forecasts on June 1, NOT of what actually occurred.

Snow Melt Peak Streamflow Forecasts

COLUMBIA RIVER	
Tobacco River near Eureka	Peaked April 27 at 35%
Fisher River near Libby	Peaked April 28 at 39%
Yaak River near Troy	Peaked April 27 at 37%
North Fork Flathead River near Columbia Falls	Peaked May 17 at 57%
Middle Fork Flathead River near West Glacier	Peaked May 17 at 59%
South Fork Flathead River above Twin Creeks	Peaked May 17 at 59%
Stillwater River near Whitefish	Peaked May 21 at 41%
Swan River at Big Fork	Peaked May 19 at 60%
Lower Willow Reservoir inflow	May 7 to May 15
Blackfoot River near Bonner	Peaked May 18 at 61%
Clark Fork above Missoula	Peaked May 20 at 62%
Clark Fork below Missoula	Peaked May 20 at 64%
Bitterroot River near Darby	Peaked May 20 at 58%
Nevada Creek near Finn	Peaked May 19 at 53%
Middle Fork Rock Creek	Peaked May 20 at 58%
Thompson River near Thompson Falls	Peaked April 27 at 37%
Prospect Creek at Thompson Falls	Peaked April 27 at 45%
Clark Fork at St. Regis	Peaked May 21 at 62%

Snow Melt Peak Streamflow Forecasts (continued)

MISSOURI RIVER	
Clark Canyon Reservoir inflow	Peaked May 16 at 12%
Ruby Reservoir inflow	Peaked May 17 at 86%
Big Hole below Big Lake near Wisdom	Peaked May 21 at 29%
Big Hole near Melrose	Peaked May 21 at 46%
Hebgen Reservoir inflow	Peaked May 21 at 85%
Hyalite Reservoir inflow	May 23 to June 9
Gallatin River near Gateway	Peaked May 23 at 69%
Gallatin River near Logan	Peaked May 24 at 63%
Boulder near Boulder	Peaked May 17 at 66%
Jefferson River near Three Forks	Peaked May 22 at 51%
Missouri at Toston	Peaked May 24 at 61%
Dearborn River near Craig	Peaked May 17 at 85%
Musselshell near Harlowton	Peaked May 21 at 90%
Sheep Creek near White Sulphur Springs	May 19 to May 28
Smith River below Eagle Creek	Peaked May 21
Gibson Reservoir inflow	Peaked May 17 at 51%
Swift Reservoir inflow	Peaked May 17 at 34%
YELLOWSTONE RIVER	
Yellowstone River at Lake Outlet	June 23 to June 30
Yellowstone at Corwin Springs	Peaked May 21 at 87%
Yellowstone at Livingston	Peaked May 21 at 80%
Shields River near Livingston	Peaked May 22 at 63%
Boulder near Big Timber	Peaked May 23 at 53%
Stillwater near Absarokee	Peaked May 21 at 70%
Clarks Fork near Belfry	Peaked May 21 at 85%
Yellowstone at Billings	Peaked May 22 at 78%
Little Bighorn near Hardin	Peaked May 23 at 45%
Powder River at Moorehead	Peaked May 25 at 50%
SASKATCHEWAN RIVER	
St. Mary River at International Boundary	Peaked May 19 at 40%
Swiftcurrent Creek at Many Glacier	Peaked May 17 at 39%

Surface Water Supply Index

The Surface Water Supply Index (SWSI) is an indicator of surface water supply conditions for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

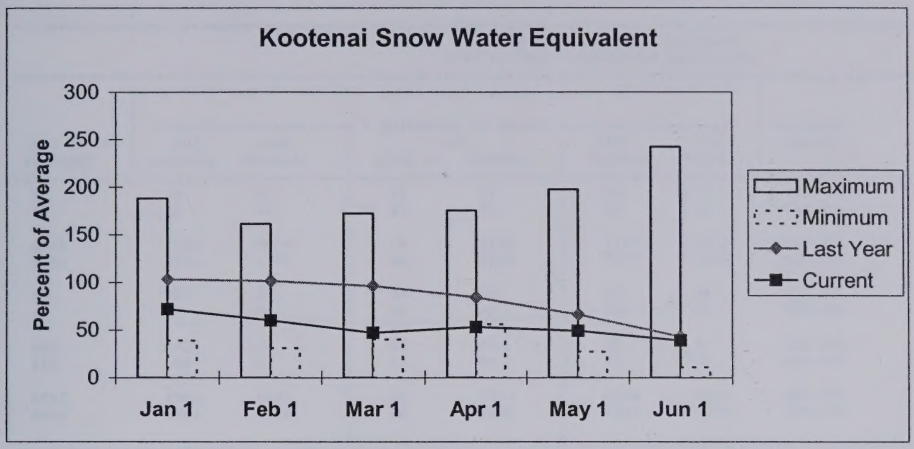
SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

Surface Water Supply Index (continued)

This Year SWSI	Last Year SWSI	Basin
-2.0	-3.1	Tobacco River
-2.8	-3.6	Kootenai Ft. Steele to Libby Dam
-0.4	-1.8	Kootenai River below Libby Dam
-3.5	-2.9	Fisher River
-3.4	-3.3	Yaak River
-3.0	-3.5	North Fork Flathead River
-3.7	-3.6	Middle FORK Flathead River
-1.4	-1.7	South Fork Flathead River
-2.7	-2.8	Flathead River at Columbia Falls
-3.3	-2.8	Stillwater/Whitefish Rivers
-2.6	-4.0	Swan River
-2.9	-2.3	Flathead River at Polson
----	-3.2	Mission Valley
----	-3.9	Little Bitterroot River
-2.1	-3.3	Clark Fork River above Milltown
-2.3	-2.6	Blackfoot River
-3.1	-2.5	Bitterroot River
-2.5	-2.9	Clark Fork River below Bitterroot River
-2.8	-2.5	Clark Fork River below Flathead River
-2.7	-4.0	Beaverhead River
-0.9	-4.0	Ruby River
-2.1	-4.0	Big Hole River
-1.8	-3.1	Boulder River (Jefferson)
-1.2	-4.0	Jefferson River
-1.6	-2.9	Madison River
-2.5	-3.7	Gallatin River
-2.1	-4.0	Missouri River above Canyon Ferry
-3.6	-4.0	Missouri River below Canyon Ferry
-1.9	-2.3	Smith River
-1.7	-2.5	Sun River
-3.1	-2.6	Teton River
-2.7	-2.6	Birch/Dupuyer Creeks
-2.8	-2.6	Marias River above Tiber
-2.8	-2.4	Marias River below Tiber
-1.5	-3.8	Musselshell River
-2.4	-3.5	Missouri River above Ft. Peck
-4.0	-4.0	Missouri River below Ft. Peck
-0.7	-3.1	Milk River
-1.2	-3.5	Dearborn River near Craig
-2.7	-3.1	Yellowstone River above Livingston
-2.2	-3.5	Shields River
-2.5	-4.0	Boulder River (Yellowstone)
-1.4	-3.5	Stillwater River
+2.2	-4.0	Rock/Red Lodge Creeks
-2.4	-3.3	Clarks Fork River
-2.4	-3.3	Yellowstone River above Bighorn River
+0.4	-4.0	Bighorn River below Bighorn Lake
-2.6	-3.7	Little Bighorn River
-1.3	-3.6	Yellowstone River below Bighorn River
+2.8	-3.7	Tongue River
-1.0	-4.0	Powder River

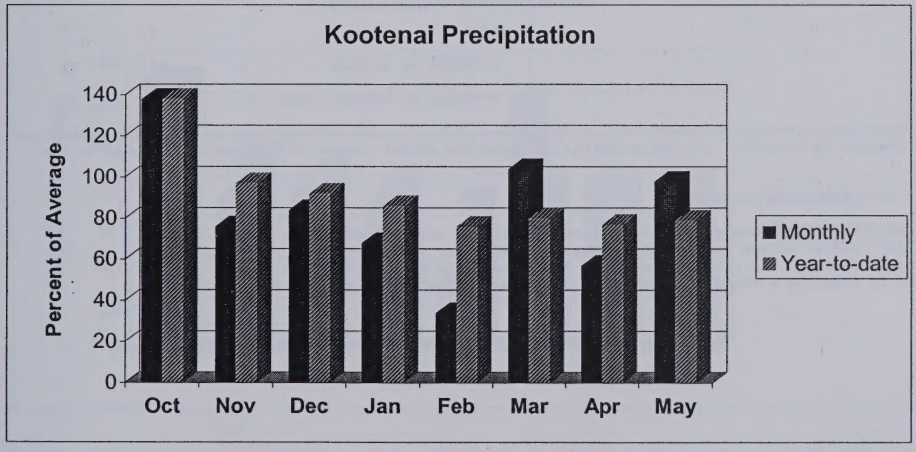
Kootenai River Basin in Montana

Snowpack conditions in the Kootenai River Basin were severely below average. Snow water content was 19 percent of average and 44 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 2001; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during May was 98 percent of average and 78 percent of last year. Valley precipitation during May was 102 percent of average and 54 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 79 percent of average and 87 percent of last year.



Lake Koocanusa storage was 151 percent of average and 106 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -2.0 in the Tobacco River; -2.8 in the Kootenai Ft. Steele to Libby Dam; -0.4 in the Kootenai River below Libby Dam; -3.5 in the Fisher River; and -3.4 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
TOBACCO RIVER nr Eureka	JUN-JUL	23	35	44	71	53	65	62
	JUN-SEP	29	44	55	72	66	81	76
LIBBY RES Inflow (1,2)	JUN-JUL	1678	2013	2240	65	2590	3360	3440
	JUN-SEP	2422	2772	3010	68	3360	4130	4440
FISHER RIVER nr Libby	JUN-JUL	22	29	33	49	42	56	68
	JUN-SEP	31	39	44	52	54	70	84
YAAK RIVER nr Troy	JUN-JUL	39	50	58	40	78	106	144
	JUN-SEP	50	64	73	44	94	124	166
KOOTENAI at Leonia (1,2)	JUN-JUL	2154	2330	2450	63	2640	3060	3920
	JUN-SEP	2906	3129	3280	66	3510	4010	5000

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE KOOCANUSA	5748.0	4816.0	4536.0	3193.1

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
KOOTENAY in CANADA	2	40	0
KOOTENAI MAINTSTEM	4	0	0
TOBACCO	2	99	69
FISHER	1	0	0
YAAK	3	0	0
KOOTENAI in MONTANA	9	44	19
KOOTENAI ab BONNERS FERRY	11	43	17

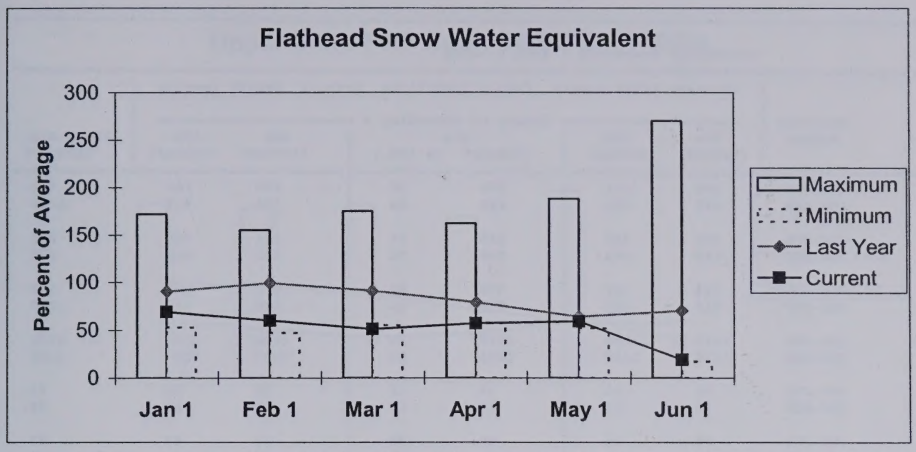
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

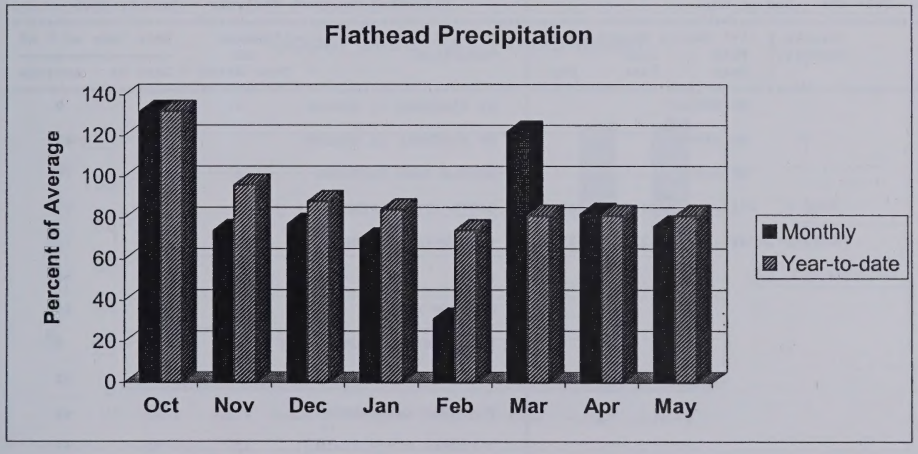
Flathead River Basin

Snowpack conditions in the Flathead River Basin were severely below average. Snow water content was 44 percent of average and 61 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1972 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2001; April maximum swe was in 1972 and minimum was in 2001; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during May was 76 percent of average and 65 percent of last year. Valley precipitation during May was 72 percent of average and 89 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 79 percent of average and 87 percent of last year.



Combined Camas reservoir storage was not available; Lower Jocko Lake was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was 128 percent of average and 104 percent of last year; and Flathead Lake storage was 111 percent of average and 104 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -3.0 in the North Fork Flathead River; -3.7 in the Middle Fork Flathead River; -1.4 in the South Fork Flathead River; -2.7 in the Flathead River at Columbia Falls; -3.3 in the Stillwater/Whitefish Rivers; -2.6 in the Swan River; -2.9 in the Flathead River at Polson; Reservoir Data Not available for the Mission Valley and the Little Bitterroot River basins.

FLATHEAD RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF FLATHEAD nr Columbia Falls	JUN-JUL	350	470	550	66	630	750	830
	JUN-SEP	465	600	690	69	780	915	1000
NF FLATHEAD nr West Glacier	JUN-JUL	356	385	405	49	445	505	825
	JUN-SEP	446	481	505	52	550	620	975
HUNGRY HORSE Reservoir Inflow (1,2)	JUN-JUL	414	447	470	49	515	620	960
	JUN-SEP	511	549	575	53	625	730	1090
FLATHEAD at Columbia Falls (2)	JUN-JUL	1025	1280	1460	54	1640	1890	2690
	JUN-SEP	1310	1610	1820	58	2030	2330	3160
STILLWATER nr Whitefish	JUN-JUL	23	32	38	49	50	68	78
	JUN-SEP	30	41	49	50	65	87	98
WHITEFISH nr Kalispell	JUN-JUL	21	26	30	55	37	47	55
	JUN-SEP	27	34	38	56	46	58	68
ASHLEY CREEK nr Marion (2)	JUN-JUL	0.3	0.4	0.8	50	1.5	2.6	1.6
SWAN RIVER nr Bigfork	JUN-JUL	157	175	187	61	199	215	305
	JUN-SEP	225	240	250	65	260	275	385
Flathead Lake inflow (1,2)	JUN-JUL	1060	1510	1710	55	1910	2360	3100
	JUN-SEP	1320	1840	2080	58	2320	2840	3620

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CAMAS (4)		NO REPORT		
LOWER JOCKO LAKE		NO REPORT		
MISSION VALLEY (8)		NO REPORT		
HUNGRY HORSE	3451.0	3311.0	3199.0	2588.0
FLATHEAD LAKE	1791.0	1661.0	1593.0	1499.2

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NF FLATHEAD in CANADA	0	0	0
NF FLATHEAD in MONTANA	5	61	47
MIDDLE FORK FLATHEAD	4	45	30
SOUTH FORK FLATHEAD	2	39	29
STILLWATER-WHITEFISH	2	14	19
SWAN	4	68	46
MISSION VALLEY	2	80	59
LITTLE BITTERROOT-ASHLEY	0	0	0
JOCKO	4	82	55
FLATHEAD in MONTANA	17	61	44
FLATHEAD RIVER BASIN	17	61	44

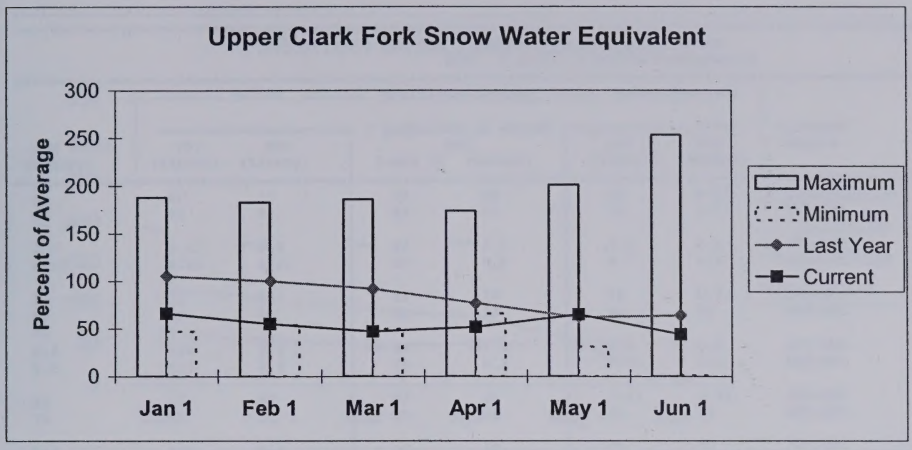
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

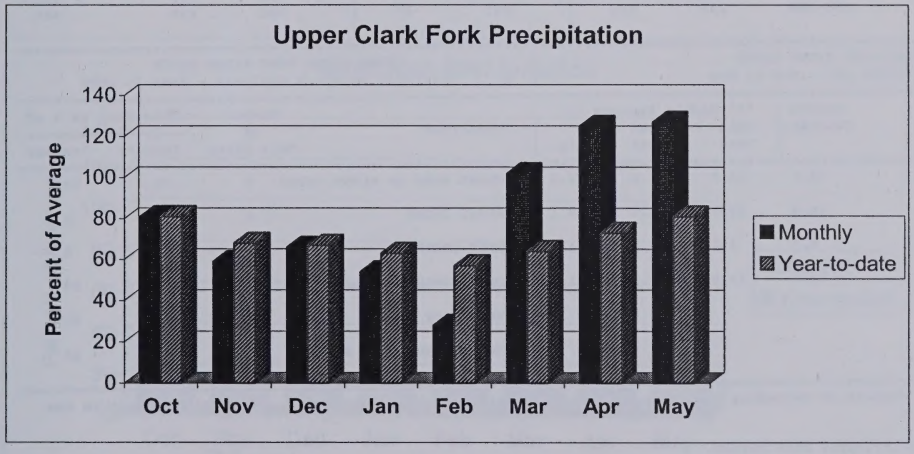
Upper Clark Fork River Basin

Snowpack conditions in the Upper Clark Fork River Basin were severely below average. Snow water content was 44 percent of average and 68 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum was in 1994; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during May was 127 percent of average and 106 percent of last year. Valley precipitation during May was 131 percent of average and 99 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 81 percent of average and 89 percent of last year.



East Fork Reservoir was 98 percent of average and 166 percent of last year; Georgetown Lake was 114 percent of average and 107 percent of last year; Lower Willow Creek storage was 109 percent of average and 114 percent of last year; and Nevada Creek storage was 95 percent of average and 131 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -2.1 in the Clark Fork River above Milltown and -2.3 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LITTLE BLACKFOOT nr Garrison	JUN-JUL	12.8	21	26	81	31	39	32
	JUN-SEP	17.0	27	33	85	39	49	39
FLINT CREEK nr Southern Cross	JUN-JUL	3.4	5.6	7.1	92	8.6	10.8	7.7
	JUN-SEP	4.4	7.4	9.4	92	11.4	14.4	10.2
FLINT CREEK blw Boulder Ck	JUN-JUL	13.0	21	27	82	33	41	33
	JUN-SEP	22	34	41	85	48	60	48
LOWER WILLOW CK RES Inflow	JUN-JUL	1.6	2.8	3.7	86	4.6	5.8	4.3
	JUN-SEP	2.3	3.7	4.6	87	5.5	6.9	5.3
MF ROCK CREEK nr Philipsburg	JUN-JUL	16.1	19.6	22	56	26	33	39
	JUN-SEP	21	25	28	60	33	40	47
ROCK CREEK nr Clinton	JUN-JUL	53	69	80	54	100	129	148
	JUN-SEP	77	97	110	60	132	165	183
CLARK FORK abv Milltown	JUN-JUL	91	136	167	53	225	309	315
	JUN-SEP	139	196	235	57	302	407	410
NEVADA CREEK nr Helmville	JUN-JUL	3.9	4.7	5.2	74	5.7	6.5	7.0
	JUN-SEP	5.1	6.0	6.6	78	7.2	8.1	8.5
BLACKFOOT RIVER nr Bonner	JUN-JUL	145	178	200	53	242	302	380
	JUN-SEP	207	244	270	57	315	380	470
CLARK FORK abv Missoula	JUN-JUL	274	328	365	53	435	535	695
	JUN-SEP	394	460	505	57	585	695	880

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
EAST FORK ROCK CREEK	15.6	10.3	6.2	10.5
GEORGETOWN LAKE	31.0	32.1	30.1	28.1
LOWER WILLOW CREEK	4.9	5.0	4.4	4.6
NEVADA CREEK	12.6	10.6	8.1	11.1

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	This Year as % of Average
CLARK FORK ab FLINT CREEK	5	78	63
FLINT CREEK	4	0	0
ROCK CREEK	2	0	0
CLARK FORK ab BLACKFOOT	9	59	38
BLACKFOOT	7	78	42
UPPER CLARK FORK BASIN	16	68	44

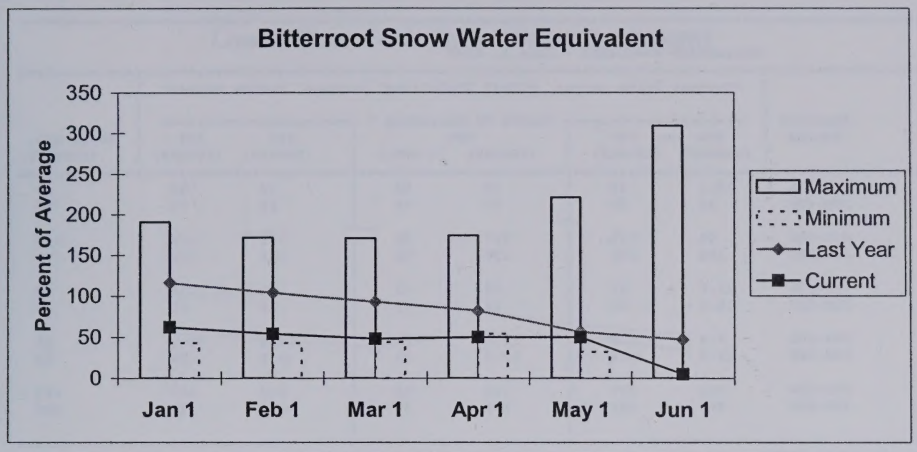
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

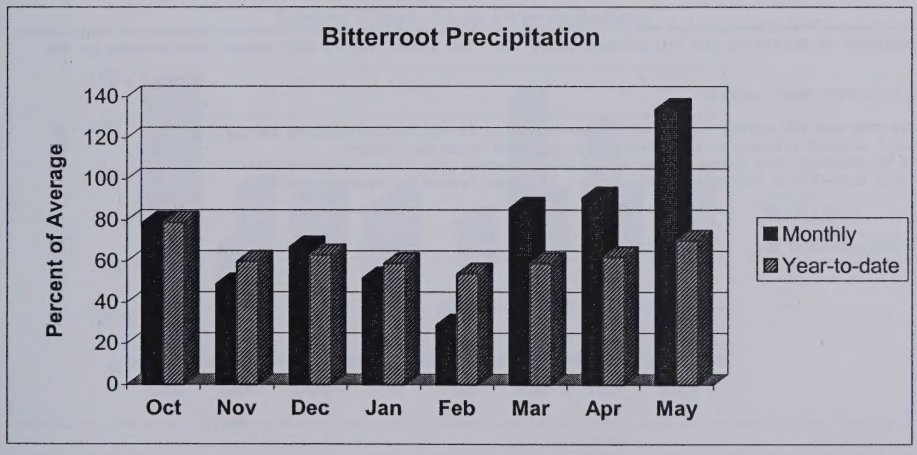
Bitterroot River Basin

Snowpack conditions in the Bitterroot River Basin were severely below average. Snow water content was 5 percent of average and 10 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 2001; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during May was 128 percent of average and 77 percent of last year. Valley precipitation during May was 169 percent of average and 93 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 70 percent of average and 74 percent of last year.



Painted Rocks Lake storage was 108 percent of average and 99 percent of last year and Como storage was 128 percent of average and 110 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -3.1 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
F BITTERROOT nr Conner (2)	JUN-JUL	18.3	28	35	51	42	52	69
	JUN-SEP	38	50	57	70	64	76	82
ITTERROOT nr Darby	JUN-JUL	90	112	127	53	142	164	240
	JUN-SEP	128	156	174	59	193	218	295
OMO RESERVOIR Inflow	JUN-JUL	15.6	21	25	63	31	40	40
	JUN-SEP	18.1	24	28	64	34	44	44
KALKAHO CK nr Hamilton	JUN-JUL	9.4	10.9	12.0	44	14.4	18.0	27
	JUN-SEP	13.4	15.6	17.0	52	19.9	24	33
ITTERROOT at Missoula	JUN-JUL	201	297	320	46	370	440	690
	JUN-SEP	265	345	400	50	455	535	800

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
AINTED ROCKS LAKE	31.7	32.9	33.2	30.5
OMO	34.9	39.4	35.7	30.9

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WEST FORK BITTERROOT	2	28	17
EAST SIDE BITTERROOT	3	14	9
WEST SIDE BITTERROOT	3	0	0
BITTERROOT RIVER BASIN	7	10	5

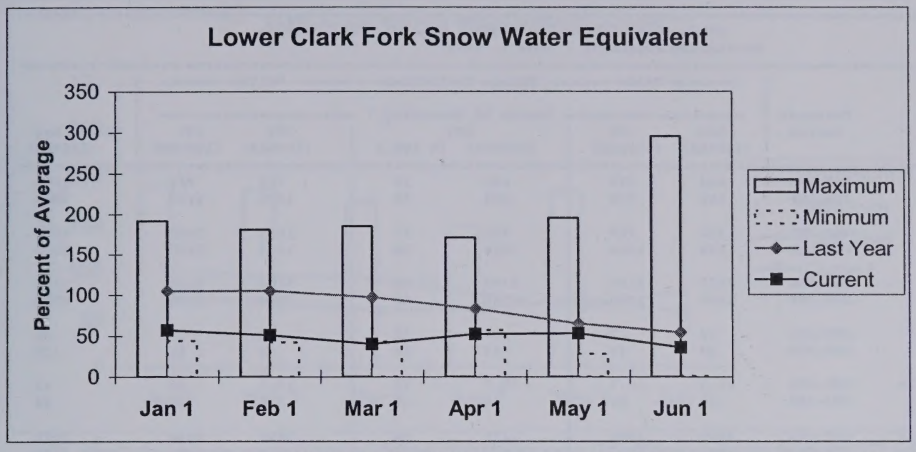
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

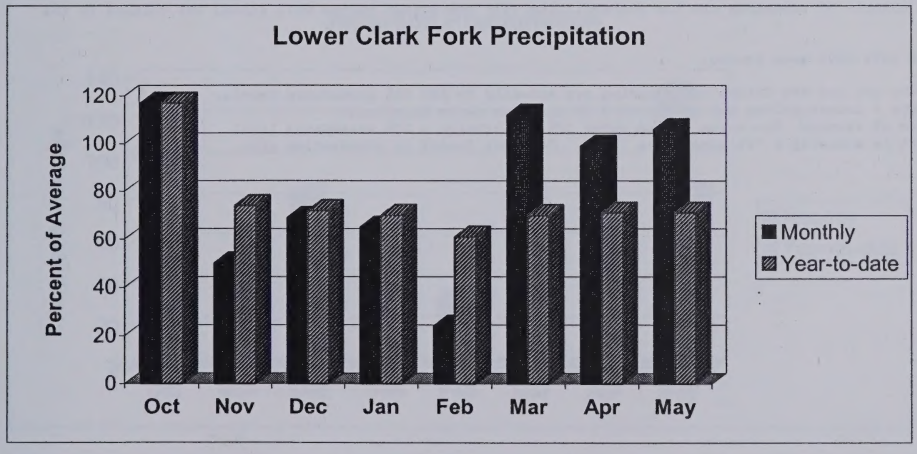
Lower Clark Fork River Basin

Snowpack conditions in the Lower Clark Fork River Basin were severely below average. Snow water content was 36 percent of average and 70 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1972 and minimum swe was in 1981; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during May was 110 percent of average and 62 percent of last year. Valley precipitation during May was 106 percent of average and 57 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 77 percent of average and 84 percent of last year.



Noxon Rapids storage was 102 percent of average and 99 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -2.5 in the Clark Fork River below Bitterroot River and -2.8 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
CLARK FORK blw Missoula	JUN-JUL	430	580	685	50	790	940	1380
	JUN-SEP	620	790	905	54	1025	1195	1680
CLARK FORK at St. Regis (1)	JUN-JUL	320	720	900	51	1080	1480	1770
	JUN-SEP	550	1000	1200	56	1400	1850	2160
CLARK FORK nr Plains (1,2)	JUN-JUL	1470	2380	2790	55	3200	4110	5100
	JUN-SEP	2060	3070	3530	58	3990	5000	6090
THOMPSON nr Thompson Falls	JUN-JUL	23	29	33	40	43	57	82
	JUN-SEP	39	47	52	48	63	80	108
PROSPECT CREEK at Thompson Falls	JUN-JUL	13.3	14.7	15.7	38	18.3	22	41
	JUN-SEP	20	22	23	46	26	30	50
CLARK FK at Whitehorse Rpds (1,2)	JUN-JUL	1630	2660	3130	56	3600	4630	5620
	JUN-SEP	2340	3490	4010	59	4530	5680	6750

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
NOXON RAPIDS	335.0	318.5	322.0	313.6

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
LOWER CLARK FORK BASIN	7	70	36

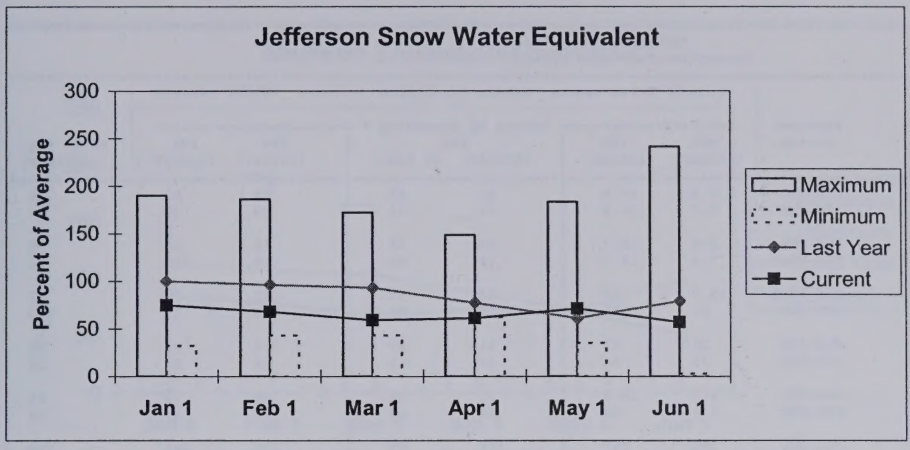
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

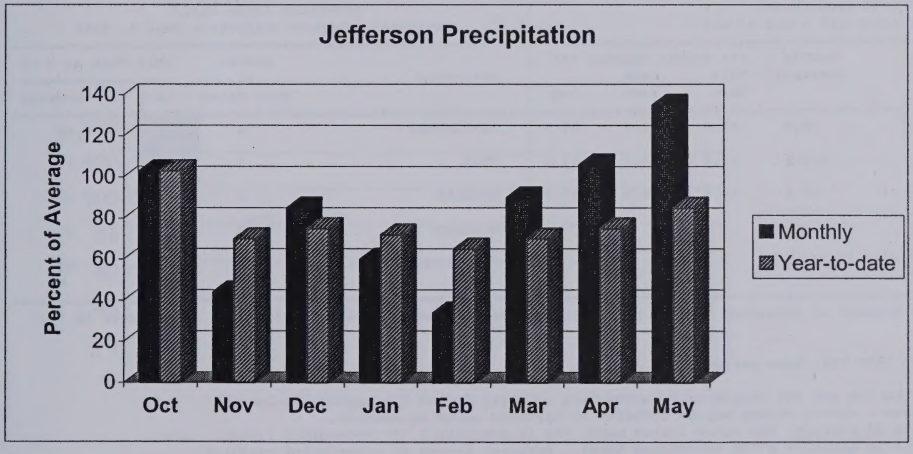
Jefferson River Basin

Snowpack conditions in the Jefferson River Basin were well below average. Snow water content was 57 percent of average and 72 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during May was 138 percent of average and 107 percent of last year. Valley precipitation during May was 124 percent of average and 89 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 85 percent of average and 93 percent of last year.



Lima storage was 113 percent of average and 263 percent of last year; Clark Canyon storage was 39 percent of average and 128 percent of last year; and Ruby River storage was 97 percent of average and 130 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -2.7 in the Beaverhead River; -0.9 in the Ruby River; -2.1 in the Big Hole River; -1.2 in the Boulder River; and -1.2 in the Jefferson River as a whole.

JEFFERSON RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LIMA RESERVOIR Inflow (2)	JUN-JUL	9.4	15.6	22	56	31	51	39
	JUN-SEP	9.9	16.9	24	51	34	59	47
CLARK CANYON Inflow (2)	JUN-JUL	6.6	12.8	20	39	31	60	51
	JUN-SEP	7.6	18.2	32	42	56	131	76
BEAVERHEAD RIVER at Barretts (2)	JUN-JUL	19.2	29	36	51	43	53	71
	JUN-SEP	31	45	55	53	65	79	103
RUBY RESERVOIR Inflow	JUN-JUL	21	27	31	67	35	41	46
	JUN-SEP	35	40	44	71	48	53	62
BIG HOLE RIVER at Wisdom	JUN-JUL	2.7	16.0	32	59	48	72	54
	JUN-SEP	3.8	20	38	60	56	82	63
BIG HOLE RIVER nr Melrose	JUN-JUL	150	183	205	63	225	260	325
	JUN-SEP	190	225	250	66	275	310	380
BOULDER RIVER nr Boulder	JUN-JUL	5.0	20	30	83	40	55	36
	JUN-SEP	7.1	24	36	84	48	65	43
WILLOW CREEK Reservoir Inflow	JUN-JUL	0.5	5.9	9.5	88	12.8	18.8	10.8
	JUN-SEP	0.3	7.0	11.5	88	16.2	22	13.1
JEFFERSON RIVER nr Three Forks (2)	JUN-JUL	118	195	250	68	305	380	370
	JUN-SEP	122	230	305	68	380	490	450

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LIMA	84.0	74.3	28.3	65.8
CLARK CANYON	255.6	63.2	49.3	161.2
RUBY RIVER	38.8	36.6	28.1	37.9

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BEAVERHEAD	8	65	45
RUBY	5	76	74
BIGHOLE	8	74	58
BOULDER	3	67	47
JEFFERSON RIVER BASIN	19	72	57

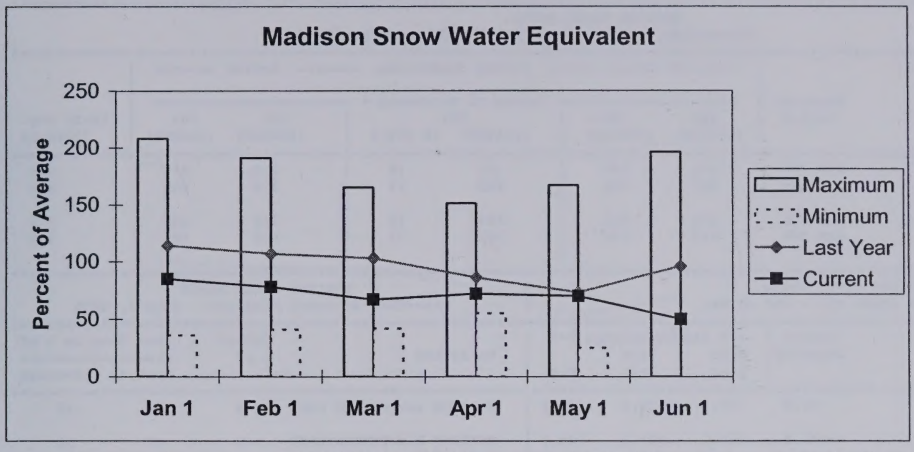
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

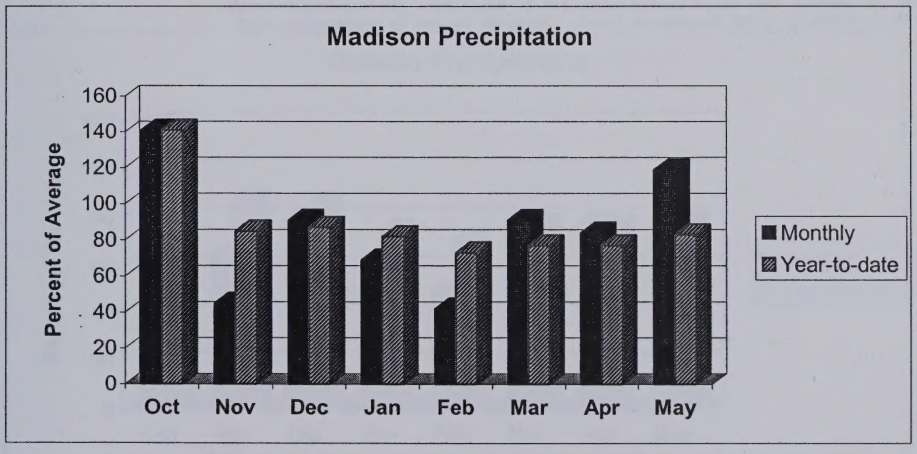
Madison River Basin

Snowpack conditions in the Madison River Basin were well below average. Snow water content was 50 percent of average and 52 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May was 119 percent of average and 81 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 83 percent of average and 86 percent of last year.



Ennis Lake storage was 100 percent of average and 126 percent of last year and Hebgen Lake storage was 115 percent of average and 110 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -1.6 for the Madison River.

MADISON RIVER BASIN

Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
HEBGEN Reservoir Inflow	JUN-JUL	111	135	151	76	167	191	200
	JUN-SEP	187	220	245	79	270	305	310
ENNIS Reservoir Inflow (2)	JUN-JUL	170	215	245	65	275	320	375
	JUN-SEP	280	340	385	71	430	490	540

MADISON RIVER BASIN

Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	35.4	28.2	35.3
HEBGEN LAKE	377.5	360.6	327.1	314.7

MADISON RIVER BASIN

Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON abv HEBGEN LAKE	4	39	46
MADISON blw HEBGEN LAKE	7	59	52
MADISON RIVER BASIN	11	52	50

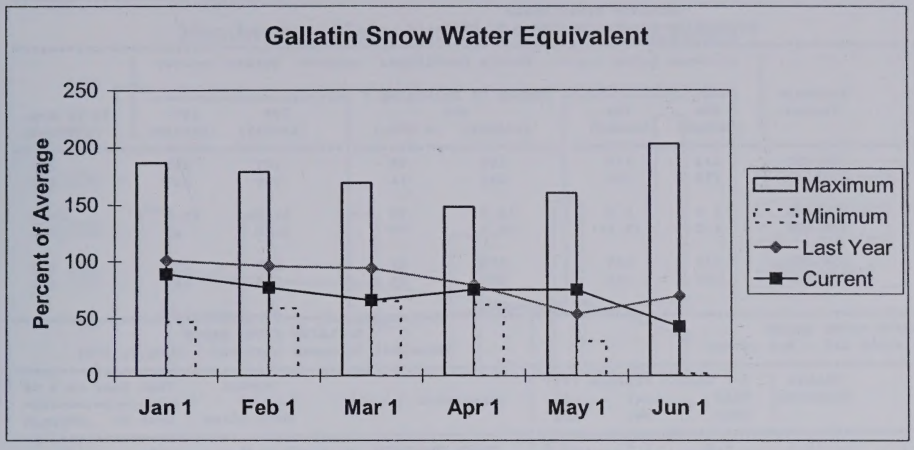
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

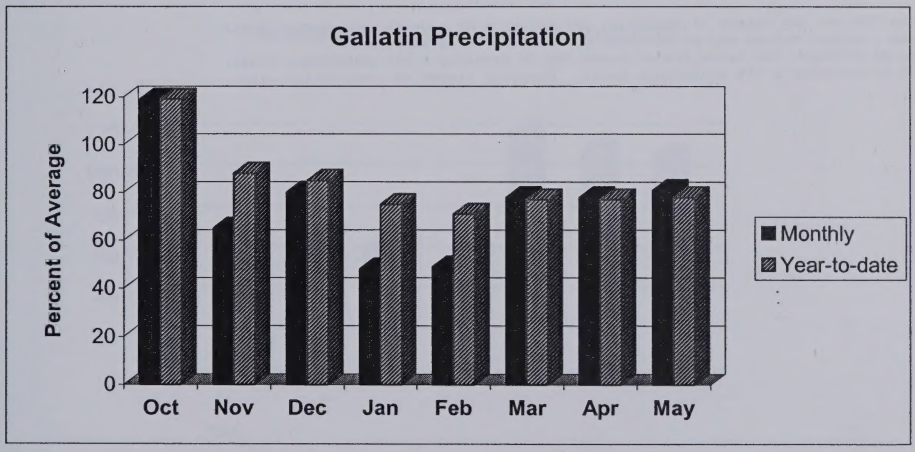
Gallatin River Basin

Snowpack conditions in the Gallatin River Basin were severely below average. Snow water content was 43 percent of average and 61 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 2001; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during May was 87 percent of average and 76 percent of last year. Valley precipitation during May was 49 percent of average and 47 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 73 percent of average and 89 percent of last year.



Middle Creek storage was 126 percent of average and 97 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -2.5 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>>						
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GALLATIN RIVER nr Gateway	JUN-JUL	133	170	195	68	220	255	285
	JUN-SEP	172	220	255	71	290	340	360
HYALITE RESERVOIR Inflow	JUN-JUL	6.4	9.5	11.6	78	13.7	16.8	14.9
	JUN-SEP	8.2	11.8	14.2	79	16.6	20	18.0
GALLATIN RIVER at Logan (2)	JUN-JUL	113	150	175	63	200	235	280
	JUN-SEP	155	205	235	65	265	315	360

GALLATIN RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MIDDLE CREEK	10.2	9.6	9.9	7.6

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER GALLATIN	3	43	35
HYALITE	2	103	62
BRIDGER	2	0	29
GALLATIN RIVER BASIN	7	61	43

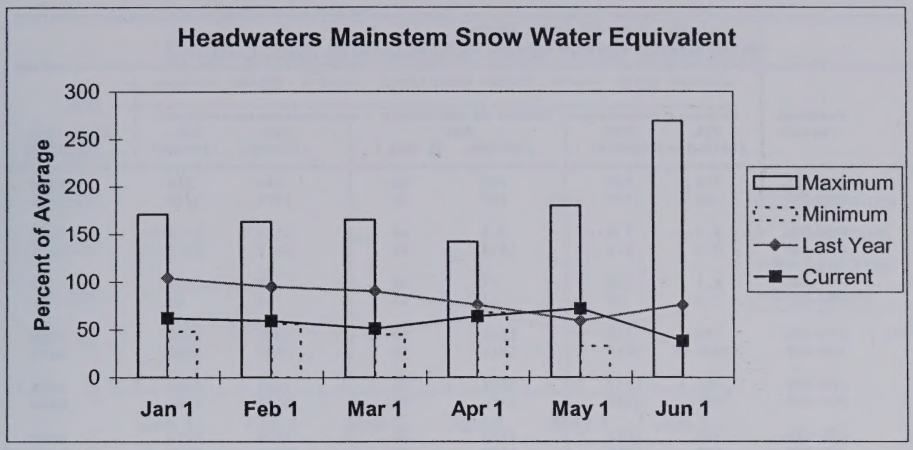
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

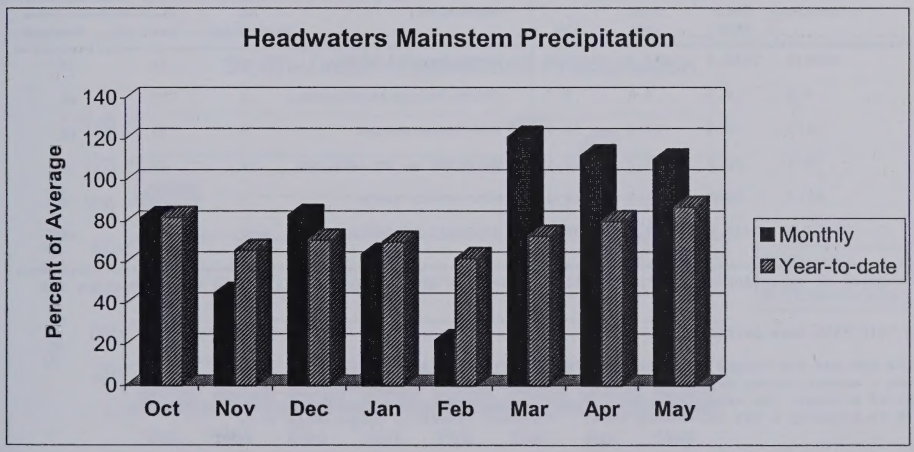
Missouri Mainstem River Basin

Snowpack conditions in the Headwaters Missouri Mainstem River Basin were severely below average. Snow water content was 38 percent of average and 51 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961 and 1966; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during May was 124 percent of average and 98 percent of last year. Valley precipitation during May was 102 percent of average and 81 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 87 percent of average and 86 percent of last year.



Canyon Ferry Lake storage was 95 percent of average and 115 percent of last year; Helena Valley storage was 109 percent of average and 92 percent of last year; Lake Helena storage was 72 percent of average and 94 percent of last year; Hauser & Helena storage was 115 percent of average and 97 percent of last year; Holter Lake storage was 102 percent of average and 100 percent of last year; and Fort Peck Lake storage was 58 percent of average and 94 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -2.1 in the Missouri River above Canyon Ferry; -3.6 in the Missouri River below Canyon Ferry; -2.4 in the Missouri River above Fort Peck; and -4.0 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
MISSOURI RIVER at Toston (2)	JUN-JUL	405	535	675	62	820	950	1090
	JUN-SEP	525	695	885	62	1075	1240	1420
PRICKLY PEAR CREEK nr Clancy	JUN-JUL	3.9	7.0	9.2	90	11.4	14.5	10.2
	JUN-SEP	5.6	9.7	12.4	88	14.7	18.7	14.1
DEARBORN nr Craig	JUN-JUL	6.3	20	37	59	54	78	63
	JUN-SEP	7.4	24	42	63	60	87	67
MISSOURI RIVER at Fort Benton (2)	JUN-JUL	745	915	1110	70	1280	1450	1580
	JUN-SEP	1020	1260	1510	70	1760	2000	2170
MISSOURI RIVER at Virgelle (2)	JUN-JUL	620	1049	1290	71	1531	1950	1820
	JUN-SEP	825	1410	1720	71	2041	2600	2430
MISSOURI RIVER nr Landusky (2)	JUN-JUL	720	1162	1420	73	1678	2090	1950
	JUN-SEP	990	1554	1900	73	2246	2790	2610
MISSOURI RIVER below Fort Peck (2)	JUN-JUL	570	1060	1310	67	1570	2040	1960
	JUN-SEP	740	1362	1700	67	2036	2650	2550
LAKE SAKAKAWEA Inflow (2)	JUN-JUL	3130	3581	4350	75	5119	5570	5800
	JUN-SEP	3910	4490	5430	75	6370	6950	7240

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CANYON FERRY LAKE	2043.0	1580.0	1374.0	1656.7
HELENA VALLEY	9.2	8.4	9.1	7.7
LAKE HELENA	12.7	10.4	11.1	14.4
HAUSER & HELENA	74.6	72.3	74.8	62.6
HOLTER LAKE	81.9	81.3	81.0	79.8
FORT PECK LAKE	18910.0	8917.0	9508.0	15495.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HEADWATERS MAINSTEM	5	51	38
SMITH-JUDITH-MUSSELSHELL	9	57	46
SUN-TETON-MARIAS	6	23	14
MAINSTEM ab FT PECK RES	19	46	32
MILK RIVER BASIN	4	0	0
MISSOURI MAINSTEM BASIN	22	46	34

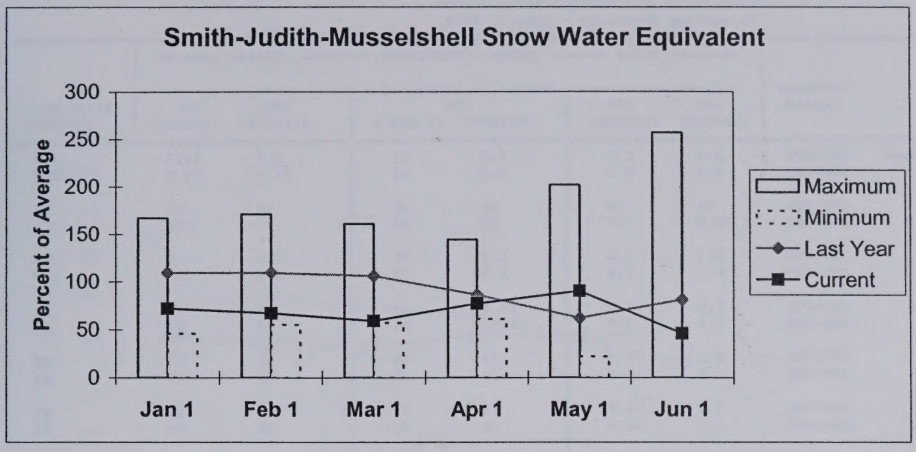
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

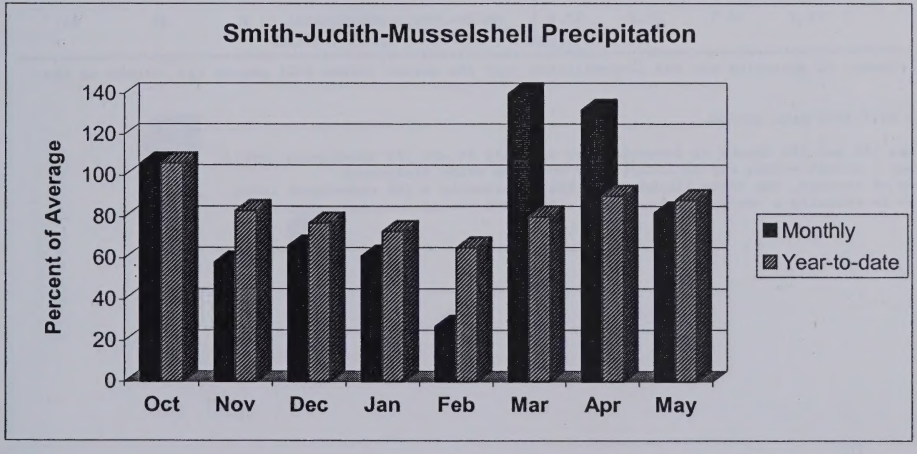
Smith-Judith-Musselshell River Basins

Snowpack conditions in the Smith-Judith-Musselshell River Basins were severely below average. Snow water content in the Smith was 51 percent of average and 54 percent of last year; Judith was 67 percent of average and 79 percent of last year; and the Musselshell was 21 percent of average.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994,and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May in the Smith-Belts was 103 percent of average and 77 percent of last year; in the Judith was 53 percent of average and 49 percent of last year; and in the Musselshell was 96 percent of average and 92 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 88 percent of average and 89 percent of last year.



Smith River storage was 112 percent of average and 105 percent of last year; Bair storage was 75 percent of average and 133 percent of last year; Martinsdale storage was 58 percent of average and 252 percent of last year; and Deadman's Basin was 53 percent of average and 233 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -1.9 in the Smith River and -1.5 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SHEEP CREEK nr White Sulphur Spgs.	JUN-JUL	3.4	5.7	7.3	80	8.9	11.2	9.1
	JUN-SEP	4.9	7.9	9.9	82	11.9	14.9	12.1
SMITH RIVER abv Eagle Creek	JUN-JUL	24	38	47	52	56	70	90
	JUN-SEP	15.0	47	68	54	89	121	125
NF MUSSELSHELL nr Delpine	JUN-JUL	0.1	1.1	1.8	80	2.6	3.7	2.3
	JUN-SEP	0.1	1.5	2.5	78	3.5	4.9	3.2
NF MUSSELSHELL abv Martinsdale	JUN-JUL	0.5	7.6	15.8	63	24	36	25
	JUN-SEP	0.9	9.8	18.6	64	28	41	29
MUSSELSHELL at Harlowton (2)	JUN-JUL	4.1	15.4	23	62	31	42	37
	JUN-SEP	5.0	17.5	26	63	35	47	41
MUSSELSHELL nr Roundup (2)	JUN-JUL	0.0	4.9	22	47	39	64	47
	JUN-SEP	0.0	4.8	22	44	39	64	50

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SMITH RIVER	10.6	11.4	10.9	10.2
BAIR	7.0	4.4	3.3	5.9
MARTINSDALE	23.1	10.6	4.2	18.2
DEADMAN'S BASIN	72.2	30.7	13.2	57.6

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SMITH	6	54	51
JUDITH	4	79	67
MUSSELSHELL	2	0	21
SMITH-JUDITH-MUSSELSHELL	9	57	46

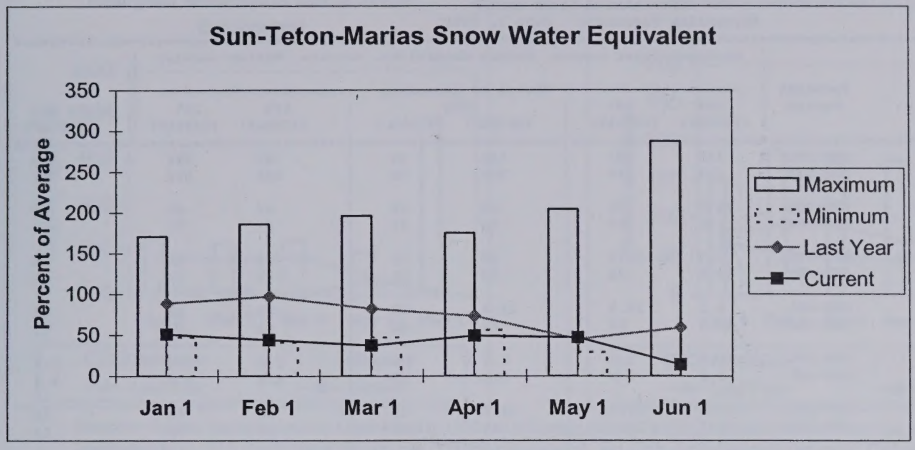
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

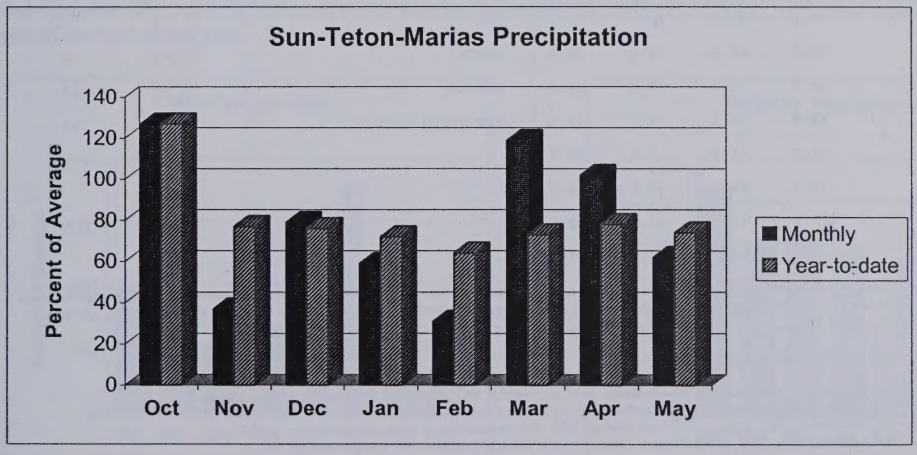
Sun-Teton-Marias River Basins

Snowpack conditions in the Sun-Teton-Marias River Basins were severely below average. Snow water content in the Sun was melted out on June 1; Teton was melted out on June 1; and Marias was 18 percent of average and 29 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 1984; April maximum swe was in 1972 and minimum swe was in 1984; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May in the Sun was 97 percent of average and 98 percent of last year; in the Teton was 70 percent of average and 60 percent of last year; and in the Marias was 44 percent of average and 34 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 74 percent of average and 81 percent of last year.



Gibson storage was 108 percent of average and 101 percent of last year; Pishkun storage was 97 percent of average and 93 percent of last year; Willow Creek storage was 115 percent of average and 103 percent of last year; Lower Two Medicine Lake storage was 98 percent of average and 117 percent of last year; Four Horns Lake storage was 102 percent of average; Swift storage was 114 percent of average and 101 percent of last year; Lake Frances storage was 55 percent of average and 73 percent of last year; and Lake Elwell (Tiber) storage was 99 percent of average and 93 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -1.7 in the Sun River; -3.1 in the Teton River; -2.7 in the Birch/Dupuyer Creeks; and -2.8 in the Marias River above Tiber and -2.8 in the Marias below Tiber.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
IBSON RESERVOIR Inflow	JUN-JUL	106	141	165	65	189	226	255
	JUN-SEP	137	175	200	66	225	265	305
WO MEDICINE RIVER nr Browning	JUN-JUL	16.7	31	40	42	49	63	95
	JUN-SEP	23	39	50	47	61	77	107
ADGER CREEK nr Browning (2)	JUN-JUL	9.3	16.9	22	42	27	35	53
	JUN-SEP	18.6	28	35	51	42	51	69
WIFT RESERVOIR Inflow	JUN-JUL	9.1	15.1	19.2	55	24	30	35
	JUN-SEP	16.2	24	29	62	34	42	47
UPUYER CREEK nr Valier	JUN-JUL	0.8	1.4	2.2	34	3.2	5.8	6.5
	JUN-SEP	1.2	2.1	3.1	37	4.6	8.2	8.3
UT BANK CREEK at Cut Bank	JUN-JUL	2.9	10.6	19.5	46	28	42	42
	JUN-SEP	4.1	14.2	25	49	36	52	51
ARIAS RIVER nr Shelby (2)	JUN-JUL	0.0	9.0	65	36	130	225	183
	JUN-SEP	0.0	8.0	78	37	149	250	210
ETON nr Dutton	JUN-JUL	0.0	1.6	5.4	20	11.1	23	27
	JUN-SEP	0.0	3.2	8.5	24	16.1	32	35

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of May

eservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
IBSON	99.1	96.0	94.8	89.2
ISHKUN	32.0	29.5	31.6	30.3
ILLOW CREEK	32.2	32.2	31.4	28.0
OWER TWO MEDICINE LAKE	11.9	12.1	10.3	12.3
OUR HORNS LAKE	19.2	13.0	0.2	12.7
WIFT	30.0	26.8	26.5	23.5
AKE FRANCES	112.0	46.0	63.0	83.9
AKE ELWELL (TIBER)	1347.0	729.0	787.6	737.7

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SUN	2	0	0
TETON	3	0	0
MARIAS	3	29	18
SUN-TETON-MARIAS	6	23	14

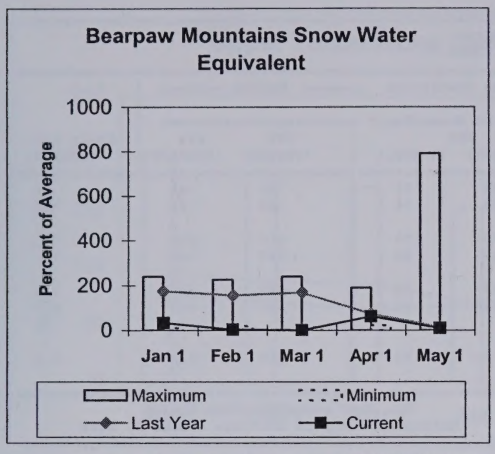
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the able.

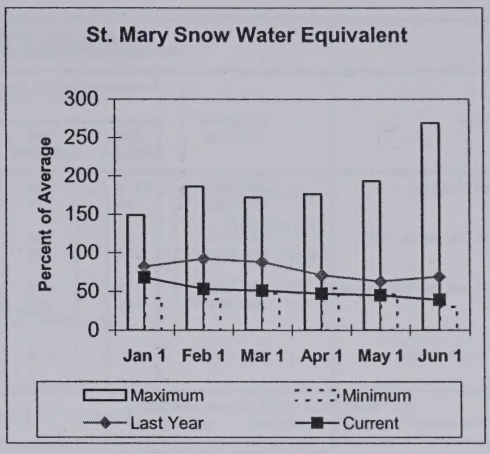
he average is computed for the 1971-2000 base period.

1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
2) - The value is natural volume - actual volume may be affected by upstream water management.
3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

St. Mary and Milk River Basins

Snowpack conditions in the St. Mary were severely below average. Snow water content was 39 percent of average and 57 percent of last year. There was not any snow remaining on SNOTEL or snow courses in the Milk.

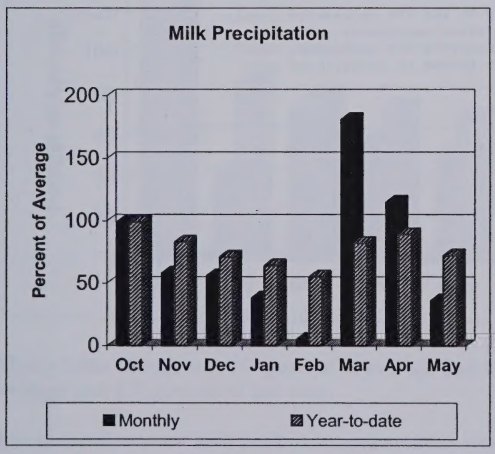


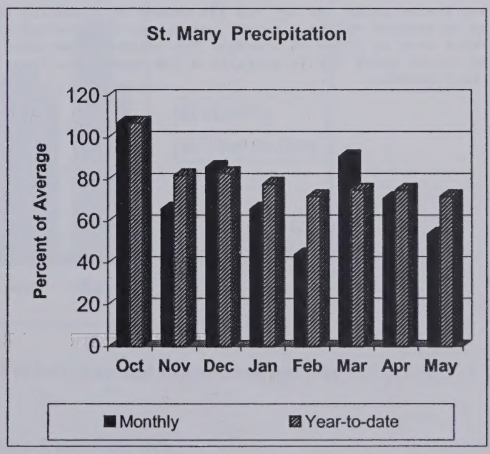


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 1995; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1967 and 1972 and minimum swe was in 2001; May maximum swe was in 19972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.

Mountain and valley precipitation in the St. Mary River Basin during May was 54 percent of average and 51 percent of last year; and in the Milk River Basin during May was 36 percent of average and 19 percent of last year. Mountain and valley St. Mary and Milk Basins water year precipitation, beginning October 1, 2004, was 72 percent of average and 67 percent of last year.





Lake Sherburne storage was 93 percent of average and 152 percent of last year; Fresno storage was 59 percent of average and 107 percent of last year; Beaver Creek storage was 103 percent of average and 97 percent of last year; and Nelson storage was 79 percent of average and 71 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -0.7 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
AKE SHERBURNE Inflow	JUN-JUL	17.9	33	43	71	53	68	61
	JUN-SEP	30	47	58	74	69	86	78
T. MARY RIVER nr Babb (2)	JUN-JUL	79	136	175	70	215	270	250
	JUN-SEP	120	185	230	73	275	340	315
T. MARY RIVER at US/CAN Border (2)	JUN-JUL	78	149	198	75	245	320	265
	JUN-SEP	122	205	260	75	315	400	345
EAVER CREEK near Havre	JUN-JUL	0.1	0.9	2.2	55	3.5	5.5	4.0

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of May

eservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
AKE SHERBURNE	64.3	32.2	21.2	34.6
RESNO	127.0	49.0	45.7	83.5
EAVER CREEK	3.5	3.1	3.2	3.0
ELSON	66.8	31.9	45.2	40.6

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	This Year as % of Average
ST. MARY	2	57	39
BEARPAW MOUNTAINS	4	0	0
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	4	0	0
ST. MARY & MILK BASINS	6	57	39

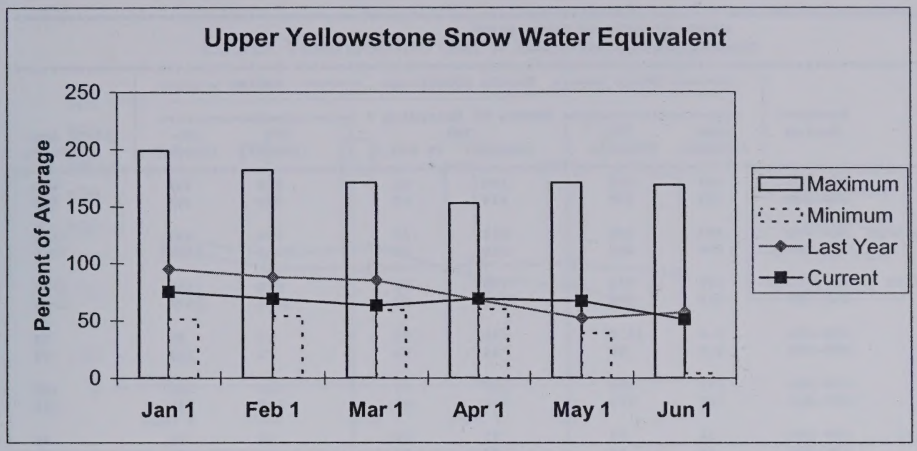
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the able.

he average is computed for the 1971-2000 base period.

1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
2) - The value is natural volume - actual volume may be affected by upstream water management.
3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

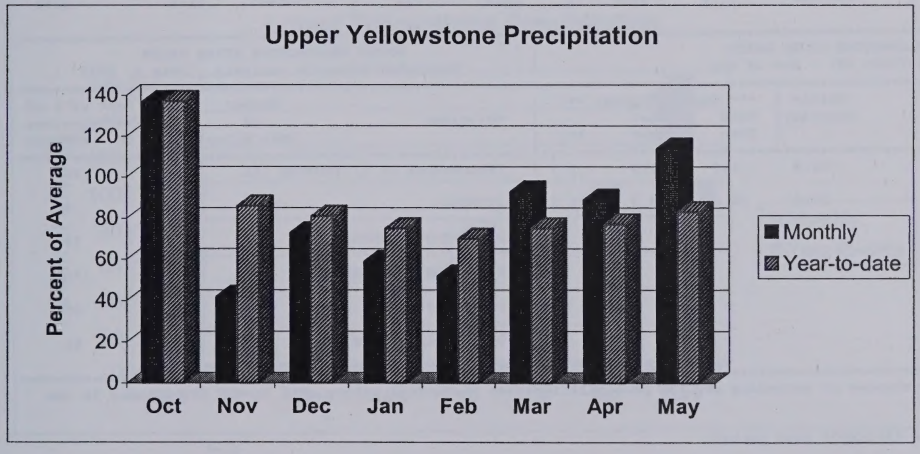
Upper Yellowstone River Basin

Snowpack conditions in the Upper Yellowstone River Basin were well below average. Snow water content was 51 percent of average and 90 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during May was 108 percent of average and 105 percent of last year. Valley precipitation during May was 128 percent of average and 201 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 83 percent of average and 104 percent of last year.



Mystic Lake storage was 114 percent of average and 217 percent of last year and Cooney storage was 124 percent of average and 127 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was -2.7 in the Yellowstone River above Livingston; -2.2 in the Shields River; -2.5 in the Boulder River; -1.4 in the Stillwater River; +2.2 in the Rock/Red lodge Creeks; -2.9 in the Clarks Fork River; and -2.4 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
ELLOWSTONE at Lake Outlet	JUN-JUL	187	250	295	61	340	405	485
	JUN-SEP	310	380	430	62	480	550	695
ELLOWSTONE RIVER at Corwin Springs	JUN-JUL	455	600	695	61	790	935	1140
	JUN-SEP	630	800	920	63	1040	1210	1460
ELLOWSTONE RIVER near Livingston	JUN-JUL	485	670	795	61	920	1100	1310
	JUN-SEP	655	905	1070	63	1240	1480	1700
HIELDS RIVER nr Livingston	JUN-JUL	0.0	14.0	35	51	56	87	69
	JUN-SEP	0.0	20	46	54	72	111	86
OULDER RIVER at Big Timber	JUN-JUL	111	155	185	90	213	258	205
	JUN-SEP	122	171	205	89	240	290	230
YSTIC LAKE Reservoir Inflow (2)	JUN-JUL	24	32	37	77	42	50	48
	JUN-SEP	34	44	51	77	58	68	66
TILLWATER RIVER nr Absarokee (2)	JUN-JUL	220	260	285	78	310	350	365
	JUN-SEP	270	325	360	78	395	450	460
LARKS FORK RIVER nr Belfry	JUN-JUL	116	210	275	71	340	435	390
	JUN-SEP	129	240	315	71	390	500	445
OONEY RESERVOIR Inflow (2)	JUN-JUL	7.9	15.7	21	91	26	34	23
	JUN-SEP	16.0	25	31	91	37	46	34
ELLOWSTONE RIVER at Billings (2)	JUN-JUL	1430	1620	1790	75	1980	2120	2380
	JUN-SEP	1790	2030	2250	75	2480	2660	2990

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of May

eservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
YSTIC LAKE	21.0	6.5	3.0	5.7
OONEY	27.4	26.6	20.9	21.5

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
YELLOWSTONE ab LIVINGSTON	11	74	49
SHIELDS	4	26	9
BOULDER-STILLWATER	3	150	58
RED LODGE-ROCK CREEK	1	1862	135
CLARK'S FORK	7	75	55
UPPER YELLOWSTONE BASIN	22	90	51

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the able.

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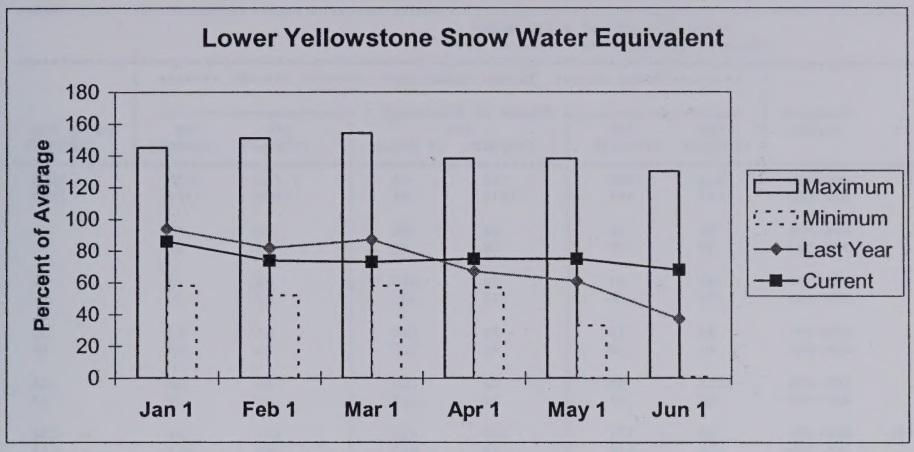
2) - The value is natural volume - actual volume may be affected by upstream water management.
3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

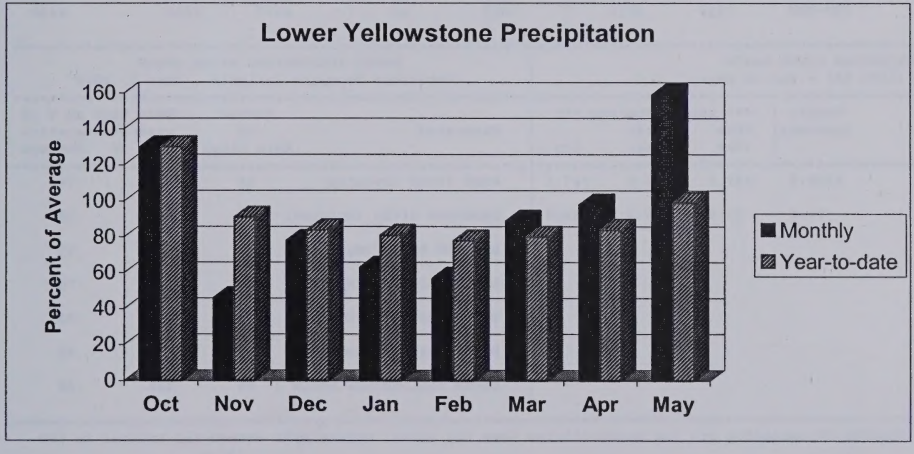
Lower Yellowstone River Basin

Snowpack conditions in the Lower Yellowstone River Basin were well below average. Snow water content was 68 percent of average and 182 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during May was 159 percent of average and 227 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 99 of average and 126 percent of last year.



Bighorn Lake storage was 103 percent of average and 139 percent of last year and Tongue River storage was 166 percent of average and 172 percent of last year.

For streamflow snow melt peak dates and volumes refer to the state-wide summary.

Surface Water Supply Index (SWSI) was +0.4 in the Bighorn River below Bighorn Lake; -2.6 in the Little Bighorn River; -1.3 in the Yellowstone River below Bighorn River; +2.8 in the Tongue River; and -1.0 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - June 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
BIGHORN RIVER nr St. Xavier (2)	JUN-JUL	510	680	795	73	910	1085	1090
	JUN-SEP	755	940	1070	86	1205	1380	1240
LITTLE BIGHORN RIVER nr Hardin	JUN-JUL	32	46	55	82	64	78	67
	JUN-SEP	39	56	68	82	80	97	83
TONGUE RIVER nr Dayton (2)	JUN-JUL	43	54	61	105	68	79	58
	JUN-SEP	53	66	74	104	82	95	71
BIG GOOSE CREEK nr Sheridan	JUN-JUL	24	33	39	111	45	54	35
	JUN-SEP	32	42	48	109	54	64	44
LITTLE GOOSE CREEK nr Big Horn	JUN-JUL	16.3	20	22	105	24	28	21
	JUN-SEP	22	27	30	103	33	38	29
TONGUE RIVER RESERVOIR Inflow (2)	JUN-JUL	98	127	147	117	167	196	126
	JUN-SEP	112	148	172	112	196	231	153
YELLOWSTONE RIVER at Miles City (2)	JUN-JUL	2340	2520	2740	76	2950	3170	3600
	JUN-SEP	2890	3120	3400	76	3650	3920	4450
POWDER RIVER at Moorehead	JUN-JUL	24	63	89	85	115	154	105
	JUN-SEP	42	82	109	85	136	176	128
POWDER RIVER near Locate	JUN-JUL	66	84	96	83	108	126	116
	JUN-SEP	80	102	117	83	132	154	141
YELLOWSTONE RIVER nr Sidney (2)	JUN-JUL	2340	2630	2920	80	3210	3500	3650
	JUN-SEP	2850	3210	3560	80	4030	4280	4460

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIGHORN LAKE	1356.0	897.4	646.0	867.1
TONGUE RIVER	79.1	79.5	46.3	48.0

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - June 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER (Wyoming)	12	204	76
SHOSHONE RIVER (Wyoming)	6	80	33
BIGHORN RIVER (Wyoming)	16	135	55
LITTLE BIGHORN (Wyoming)	2	113	71
TONGUE RIVER (Wyoming)	7	412	98
POWDER RIVER (Wyoming)	6	0	82
LOWER YELLOWSTONE BASIN (	31	182	68

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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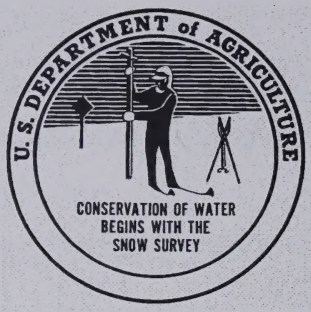
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.



Federal Building, Room 443
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Bozeman, MT 59715

Montana
Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT